

CLAIMS

1 1. A method of accessing information comprising:
2 processing a query and a wireless identifier received
3 from a wireless device;
4 searching a collection of data for a set of results
5 matching the query;
6 selectively reducing the set of results to generate a
7 subset of results;
8 outputting a prose rendition of the query; and
9 outputting the subset of results on the wireless device.

1 2. The method of claim 1 wherein processing the query
2 comprises:
3 parsing the query to generate a search fragment;
4 substituting long form words for abbreviations contained
5 in the search fragment in conjunction with an abbreviations
6 dictionary; and
7 adding context to the search fragment.

1 3. The method of claim 2 wherein adding context
2 comprises extracting data from a web page from which the query
3 was received.

1 4. The method of claim 2 wherein adding context
2 comprises extracting data from a previously presented results
3 page from which the query was received.

1 5. The method of claim 1 wherein processing the query
2 comprises:

3 normalizing text of the query;

4 parsing the text;

5 associating long form words for abbreviations in
6 conjunction with an abbreviations dictionary; and

7 providing meaning to the text.

1 6. The method of claim 5 wherein processing the query
2 further comprises associating context with the text.

1 7. The method of claim 1 wherein selectively reducing
2 comprises:

3 placing the set of results in a hierarchical data
4 structure organized by taxonomy; and

5 discarding results positioned at a lowest level of the
6 hierarchical data structure.

1 8. The method of claim 1 wherein outputting the prose
2 rendition comprises:

3 processing the query in conjunction with rules of
4 grammar; and

5 processing the query in conjunction with a prose
6 configuration file.

1 9. The method of claim 1 wherein outputting of the
2 subset comprises placing the subset in a table.

1 10. The method of claim 9 further comprising customizing
2 the table to the wireless device.

1 11. The method of claim 10 wherein customizing the table
2 to the wireless device comprises:

3 loading a wireless style sheet database;
4 locating a style sheet that matches the wireless
5 identifier in the style sheet database; and
6 reducing the length and width of the table in accordance
7 with the style sheet.

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2 12. The method of claim 11 wherein reducing further
3 comprises subdividing the table into a plurality of smaller
4 tables.

1 13. The method of claim 10 wherein customizing the table
2 comprises:

3 loading an abbreviations dictionary; and
4 replacing long form words in the table with corresponding
5 abbreviations in the abbreviations database.

1 14. A method of accessing information from a wireless
2 device comprising:

3 processing a query and a wireless identifier received
4 from the wireless device;
5 searching a collection of data for a set of results
6 matching the query;

7 selectively reducing the set of results to generate a
8 subset of results; and

9 outputting the subset of results on the wireless device
10 according to a style sheet.

1 15. The method of claim 14 wherein the query is a
2 combination of text, sentence fragments and abbreviated words.

1 16. The method of claim 14 wherein the query is text.

1 17. The method of claim 14 wherein the query is sentence
2 fragments.

1 18. The method of claim 14 wherein the query is
2 abbreviated words.

1 19. The method of claim 14 wherein the query is speech.

1 20. The method of claim 14 wherein processing the query
2 comprises:

3 parsing the query to generate a search fragment;
4 substituting long form words for abbreviations contained
5 in the search fragment in conjunction with an abbreviations
6 dictionary; and

7 adding context to the search fragment.

1 21. The method of claim 20 wherein adding context
2 comprises extracting data from a web page from which the query
3 was received.

1 22. The method of claim 20 wherein adding context
2 comprises extracting data from a previously presented results
3 page from which the query was received.

1 23. The method of claim 12 wherein processing the query
2 comprises:

3 normalizing text of the query;
4 parsing the text;
5 associating long form words for abbreviations in
6 conjunction with an abbreviations dictionary; and
7 providing meaning to the text.

1 24. The method of claim 23 wherein Processing the query
2 further comprises associating context with the text.

1 25. The method of claim 14 wherein selectively reducing
2 comprises:
3 placing the set of results in a hierarchical data
4 structure organized by taxonomy; and
5 discarding results positioned at a lowest level of the
6 hierarchical data structure.

1 26. The method of claim 14 wherein outputting the subset
2 comprises:
3 placing the subset in a table; and
4 reducing the length and width of the table in accordance
5 with a style sheet.

1 27. The method of claim 26 wherein reducing further
2 comprises dividing the table into a plurality of smaller
3 tables.

1 28. The method of claim 14 wherein outputting the subset
2 comprises replacing long form words in the table with
3 corresponding abbreviations in an abbreviations database.

1 29. A computer program, residing on a computer-readable
2 medium, including instructions for causing a computer to:

3 process a query and a wireless identifier received from a
4 wireless device;

5 search a collection of data for a set of results matching
6 the query;

7 selectively reduce the set of results to generate a
8 subset of results;

9 output a prose rendition of the query; and

10 output the subset of results on the wireless device.

1 30. A computer program, residing on a computer-readable
2 medium, including instructions for causing a computer to:

3 process a query and a wireless identifier received from a
4 wireless device;

5 search a collection of data for a set of results matching
6 the query;

7 selectively reduce the set of results to generate a
8 subset of results; and

9 output the subset of results on the wireless device

10 according to a style sheet.